

INTERNATIONAL SEARCH REPORT

PCT/IB2004/002391

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C30B33/00 C30B33/06 H01L21/56 H01L21/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C30B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 672 240 A (HARTSELL MICHELLE L ET AL) 30 September 1997 (1997-09-30) column 4, line 34 - column 7, line 65; figures 1-6	1,28-30, 35-37
X	EP 0 589 464 A (SUMITOMO ELECTRIC INDUSTRIES) 30 March 1994 (1994-03-30) page 6, line 41 - page 12, line 58 ----- -/--	1,2, 4-18, 20-27, 31-34, 38-41, 44-48

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

17 December 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 03/005443 A (COMMISSARIAT ENERGIE ATOMIQUE ; ASPAR BERNARD (FR); FOURNEL FRANCK (FR) 16 January 2003 (2003-01-16) page 14, line 20 - page 22, line 4; figure 10	1,2,4-8, 16,17, 20-27, 38,41, 44,45, 47,48
X	US 5 907 768 A (DREIFUS DAVID L ET AL) 25 May 1999 (1999-05-25) column 5, line 40 - column 8, line 60; figures 1-4	1,2,4-6, 9,17,18, 20, 31-34, 38-41, 44-46
X	US 5 420 443 A (DREIFUS DAVID L ET AL) 30 May 1995 (1995-05-30) column 9, line 41 - column 18, line 25; examples 1,2	1,2, 4-15,17, 20-27, 31-34, 38-41, 44-48
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 12, 26 December 1996 (1996-12-26) -& JP 08 208387 A (SUMITOMO ELECTRIC IND LTD), 13 August 1996 (1996-08-13) abstract	3,18,19, 31-33, 42,43
A	US 6 562 127 B1 (HOBART KARL ET AL) 13 May 2003 (2003-05-13) column 5, line 22 - column 6, line 21 column 11, lines 19-38	19, 28-30, 35-37

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